

REPUBLIQUE DU CAMEROUN  
Paix – Travail – Patrie

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INSTITUT UNIVERSITAIRE BENGONO  
TOURE GENEVIEVE  
Scientiarum - Excellentiam - Nobel  
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REPUBLIC OF CAMEROON  
Peace-Work-Fatherland

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THE BENGONO TOURE GENEVIEVE  
UNIVERSITY INSTITUTE  
SCIENTIARUM – EXCELLENTIAM – NOBEL  
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**INSTITUT SUPERIEUR DES SCIENCES DE L'INGENIEUR, DES INDUSTRIES ET DE L'INNOVATION**  
**THE HIGHER INSTITUTE OF ENGINEERING SCIENCES, INDUSTRIES AND INNOVATION**

Campus de Yaoundé (Quartier de Ndjoungolo-Rue Ceper et de Mvog-Mbi) – BP. : 11618 Yaoundé – Cameroun /  
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**BACHELOR'S IN TELECOMMUNICATION ENGINEERING**

CODES	COURSE NAMES	CREDIT
	<b>YEAR ONE</b>	
BTE1110	Introduction to research Methodolgy	4
BTE1111	Communication skills	3
BTE1112	Engineering mathematics I	3
BTE1113	Physics (theories and lab)	3
BTE1114	Probability and Statistics	3
BTE1115	Fundamentals of Mechanics	3
BTE1116	C Language Programming	3
BTE1117	Telecommunications Network Management	3
BTE1118	Physical Electronics	3
BTE1119	Ethics and professional engineering	3
BTE1120	Introduction To Digital Electronics	3
BTE1121	Computer application	3
BTE1122	Introduction to Engineering I and II	3
BTE1123	Computer aided design I and II	3
BTE1124	Engineering Materials	3
BTE1125	Introduction to Networking	3
BTE1126	Introduction to C Programming	3
BTE1127	English	3
BTE1128	Field work	3
		60
	<b>YEAR TWO</b>	
BTE2110	Analysis of Circuits	3
BTE2111	Instrumentation & Measurement	3
BTE2112	Engineering Mathematics 2	3

BTE2112	Analog and Digital Communications	3
BTE2113	Computer Systems and Network	3
BTE2114	Switching and Automata Theory	3
BTE2115	Satellite Transmission	3
BTE2116	Telecommunications	3
BTE2117	Legal and Regulatory Issues in Telecommunications	3
BTE2118	Fiber-optic communications	3
BTE2119	Organization Theory	3
BTE2120	Electrical Materials	3
BTE2121	Statics & Dynamics	3
BTE2122	E Lec Eng Drawing & Installation Practice	3
BTE2123	Electromagnetics	3
BTE2124	Electronic Circuits	3
BTE2125	Network Theory	3
BTE2126	Object Oriented Programming	3
BTE2127	Electromagnetic Fields	3
BTE2128	Practical work(attachment )	3
		60
	<b>YEAR THREE</b>	
BTE3110	Computer Control of Mechatronics Systems	3
BTE3211	Electrical Energy Systems	3
BTE3213	Instrumentation	3
BTE3112	Professional Engineering Practice	3
BTE3212	Robotics	3
BTE3113	Failure of structural materials	3
BTE3114	Telecommunication Engineering Project	3
BTE3115	Technology, Ethics & Human Rights	3
BTE3116	Industrial Training	3
BTE3117	Engineering Mathematics III	3
BTE3118	Communication Theory	3
BTE3119	Radio Wave Propagation & Antennas	3
BTE3120	Applied Digital Electronics	3
BTE3121	Applied Analogue Electronics	3
BTE3122	Law Of Contracts	3
BTE3123	Entrepreneurship	3
BTE3124	Digital Communications	3
BTE3125	Vlsic Design & Fabrication	3
BTE3126	Computer-Aided Engineering	3
BTE3110	Professional Practice	3
		60
	<b>YEAR FOUR</b>	
BTE4114	Mobile Communications Systems	3
BTE4115	Computer Communication Networks	3

BTE4116	Television And Video Engineering	3
BTE4117	Digital Signal Processing	3
BTE4118	Microprocessor Based Systems	3
BTE4119	Radio Frequency & Microwave Engineering	3
BTE4120	Satellite Communications	3
BTE3121	Engineering Design and Workshop Technology	3
BTE4122	Broadband And Advanced Communications	3
BTE4123	Control Engineering	3
BTE4125	Internship	10
BTE4126	Dissertation	20
		60